



Process Automation for Efficient SKU Management for MHP

Articles and Barcodes Automation with UI Path
for the Large International Food & Agro-Tech Company

Client: MHP **Industry:** Agriculture, Food **Location:** Ukraine

Employees: 26,000+ **Website:** www.mhp.com.ua



Client Background

Founded in 1998, MHP is a large international food and agro-technical company comprising more than 30 enterprises and having more than 26,000 employees throughout Ukraine and other countries. MHP is the leading producer of poultry products not only in Ukraine, but also in the Balkans (Perutnina Ptuj Group).

Business Challenge

MHP manages approximately a hundred businesses within its structures as a large agricultural holding. The number of MHP's products with unique names, pricing, and other data is immense and in constant fluctuation. That is why our client stumbled upon a host of challenges related to the process of manually inserting SKUs and barcodes into its ERP system, especially during high loads when SKUs are added or removed on a large scale.

MHP was looking for a reliable IT partner to implement an elegant RPA solution that would:

- Automate and standardize routine back-office operations
- Incorporate exceptions in the data pipeline
- Build a non-linear business logic to accommodate numerous exceptions
- Simplify the data entering process from the ITSM to the ERP system



Solution

To accommodate MHP requirements and demonstrate the viability of the automation solution, we started with a PoC based on Microsoft Power Automate technology. The client was satisfied with the demonstrated capabilities of the solution but opted for the UiPath automation platform for the final project.

In 2 months, with a joint effort of the MHP and Infopulse teams, we automated the processes of entering SKUs and barcodes from the internal ITSM to MHP's ERP system. We have built an automation business logic for MHP that consolidates numerous rule exceptions and complex non-linear logic branching.

As a result, an RPA solution built on UiPath includes the following features:

- Connected UiPath with Microsoft Teams with the help of REST API and webhook for automated notification dispatch
- API for the communication with ITSM to avoid GUI instability
- Hotkeys and navigation through text (keywords) – for the parts in the ERP system where the selectors are unavailable
- Implementation of the UiPath framework to break complex and non-linear processes into logic model steps that increase automation fault tolerance and leverage future changes and support
- Established a webhook for sending notifications to the support team in Microsoft Teams and our development team

Tools



UiPath



API Postman



ERP



ITSM



Microsoft Excel



Outlook



Microsoft Teams

Business Value

Infopulse developed the process automation solution guided by the scalability principle, which allows the client to scale and deploy this solution for its subsidiary companies as well.

By implementing an RPA solution to automate a host of processes related to the entering of SKUs and barcodes from the internal ITSM to the ERP system, Infopulse helped MHP receive the benefits of:



**Increased productivity
on the organization-wide scale**



Reduced the time of task execution



**Increased the accuracy and quality of the
data**



**24/7 availability of the data processing
in the ERP system**



**Freed up data accounting department
specialists from routine work**



About Infopulse

Infopulse, part of the leading Nordic digital services company Tietoevry, is an international vendor of services in the areas of Software R&D, Application Management, Cloud & IT Operations, and Cybersecurity to SMEs and Fortune 100 companies across the globe. Founded in 1991, the company has a team of over 2,300 professionals and is represented in 7 countries across Europe and the Americas.

Infopulse is trusted by many established brands, such as BICS, Bosch, British American Tobacco, Credit Agricole, Delta Wilmar, ING Bank, Microsoft, Norwegian Oil and Gas Association, OLX Group, OTP Bank, SAP, UkrSibbank BNP Paribas Group, Vodafone, Zeppelin Group, and others.

For more information, please visit www.infopulse.com

Contact us

PL +48 (663) 248-737

DE +49 (69) 505-060-4719

US +1 (888) 339-75-56

UK +44 (8455) 280-080

UA +38 (044) 585-25-00

BG +359 (876) 92-30-90

BR +55 (21) 99298-3389

 info@infopulse.com

